MECHANICAL DATA

Bulb	T-5 ½
Base	E7-1, Miniature Button 7-Pin
Basing	7BD
Cathode	Coated Unipotential
Mounting Position	Any

ELECTRICAL DATA

HEATER CHARACTERISTICS

Heater Voltage	20.0 Volts
Heater Current	50.0 Ma

DIRECT INTERELECTRODE CAPACITANCES (Shielded)[1]

Grid to Plate	0.01 $\mu\mu f$
Input	3.9 $\mu\mu f$
Output	2.85 $\mu\mu f$

RATINGS (Absolute Maximum Values)

Plate Voltage	180 Volts
Plate Dissipation	1.7 Watts
Grid No. 2 Supply Voltage	180 Volts
Grid No. 2 Voltage	See Rating Chart
Grid No. 2 Dissipation	0.5 Watt
Positive DC Grid No. 1 Voltage	0 Volt
Heater-Cathode Voltage	75 Volts
Cathode Current	18 Ma

TYPICAL OPERATION

Class A_1 Amplifier

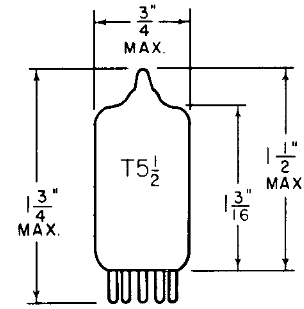
Plate Voltage	120 Volts
Grid No. 2 Voltage	120 Volts
Cathode Bias Resistor[2]	200 Ohms
Plate Current	7.0 Ma
Grid No. 2 Current	2.2 Ma
Transconductance	5000 μmhos
Plate Resistance (approx.)	0.34 Megohm
Grid No. 1 Voltage for Ib = 200 μa Max.	-10.0 Volts

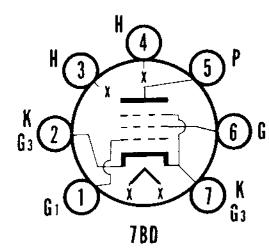
NOTES:

1. *Shield No. 316 connected to cathode.*
2. *Fixed bias operation is not recommended.*

QUICK REFERENCE DATA

The Sylvania Type 408A is a miniature, sharp-cutoff rf pentode, designed for reliable service under conditions encountered in communication applications.





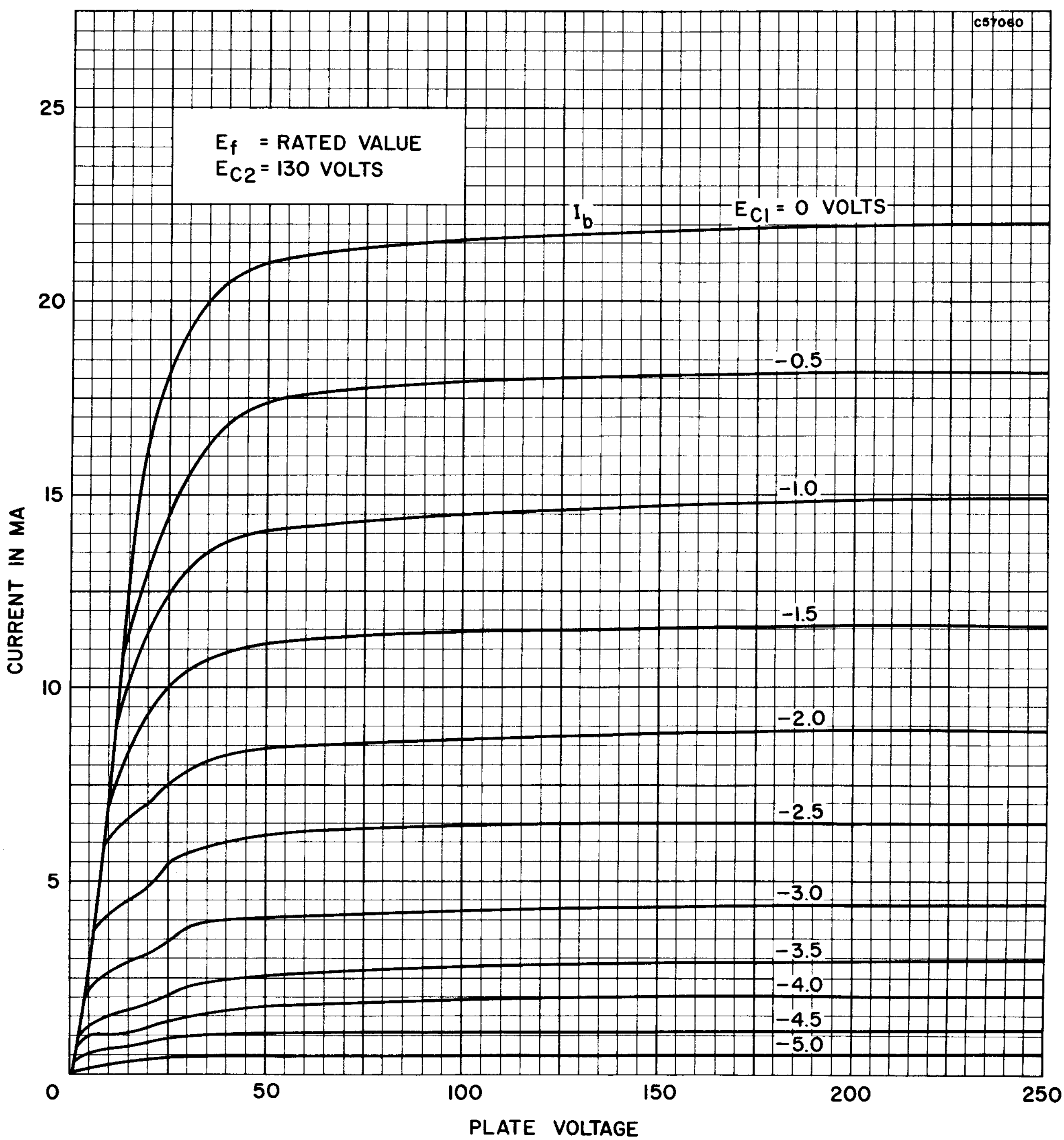
SYLVANIA ELECTRIC PRODUCTS INC.

RADIO TUBE DIVISION
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AVERAGE PLATE CHARACTERISTICS



AVERAGE TRANSFER CHARACTERISTICS

